

Target Interface Inspection {Construction Compliance} Checklist

INSPECTION ITEM		YES	NO	NOTES
4	Control Tower:			
a	Work table surface is 36" by the width of the tower and has a slot or hole for power and data cable access.			
b	HVAC is provided in an appropriate location.			©
c	Back wall of control room is windowless.			©
d	Data Termination Rack (DTR) installed IAW CEHNC 1110-1-23. The DTR shall be an industry standard, NEMA 12, 19" (22" OD), 36" deep, 83.125" tall rack with ventilation. There shall be 36" working space in front, back and one side, and there shall be 6" space on side adjacent to nearest wall.			
e	A No. 6 AWG insulated ground cable is installed between the SPG (single point ground) and the DTR.			
f	120-VAC, 20-amp receptacles are provided for RCS's and printer IAW CEHNC 1110-1-23.			
g	The tower ground is certified by COE contractor to yield earth resistance of 25 ohms or less.			
h	Two separate dedicated 20A, 120V circuits to a quadplex receptacle are provided near DTR for power.			
i	A 4-inch X 4-inch wire way is provided between the DTR and the RCS computer location IAW CEHNC 1110-1-23.			
j	A minimum of 1 meter of data cable left coiled inside of DTR connector housings.			
k	Pull wires are provided in all empty conduits.			©
l	Minimum bend radius of optical cable has not been exceeded (10 times the diameter of the cable under no load conditions). There is also no micro bending of optical cable (pinched).			
m	Downrange data cables are terminated on a patch panel in the DTR (RJ45 female ends for copper and SC connectors for fiber optics)			
n	Buffer tube fan-out kits installed and furcation units anchored in DTR's connector housing.			
o	DTR vertical and horizontal cable management is clean, neat, and orderly.			
p	All optical cable armor jackets are bonded to earth ground at DTR.			
q	Optical fiber cable is installed in innerduct and RGS conduit from DTR to 5' line of tower.			
r	Lightning protection meets national Fire Prevention Association (NFPA) code 780.			
s	Minimum of Cat5e rated cable is installed to all data outlets.			
t	All data cables at every termination point are labeled with a permanent label.			
u	Data outlets have an RJ45 connector with a minimum Cat5e rating.			